

Amendments to the Specification

Please replace paragraph [0005] with the following amended paragraph:

[0005] PCB assembly 36 is then inserted into cavity 48, which is defined within second end 50 of ferrule 32. Square body portion 52 of magnet carrier 40 is inserted into square hole 54 of magnet 38, such as with a snap-fit connection, and magnet 38 and magnet carrier 40 are then placed within the circular portion of cavity 48 in second end 50 of ferrule 32 such that magnet 38 and magnet carrier 40 are aligned with armature 20, and outer surface 55 of magnet 38 is disposed closely adjacent PCB assembly 36. Cover 42 is then attached to ferrule 32 by press-fitting a series of pins 58 of cover 42 into corresponding aligned apertures 60 of ferrule 32. A drive pin or the end of a flexible cable (not shown) may be inserted sequentially through opening 62 in cover 42, the opening in magnet carrier 40, and into square hole [[42]] 24 of armature 20. An electrical input/output connector (not shown) is attached to receptacle 64 of cover 42 in electrical communication with PCB assembly 36.

Please replace paragraph [0022] with the following amended paragraph:

[0022] Fig. 3 is an end view of the motor and Hall effect assembly of Fig. 1;

Please replace paragraph [0029] with the following amended paragraph:

[0029] Referring to Figs. [[4]] 5-8, motor assembly 70 with Hall effect module 72 are shown according to the present invention. Motor assembly 70 generally includes 12 volt DC electric motor 74 which, as shown in Fig. 8, includes motor housing 76 containing stator 78, rotor 80, and armature 82. Although Hall effect module 72 is shown and described herein associated with 12 volt DC motor 74, Hall effect module 72 may be used with other types of electric motors. Armature 82 includes first end portion 84 with hole 86 and second end portion 88 with hole 90. Holes 86 and 90 may have a square or other polygonal internal shape typically formed by a broaching operation, for example.

Please replace paragraph [0030] with the following amended paragraph:

[0030] Second armature end portion 88 is rotatably supported by bearing 92 within motor housing 76, and is drivingly connected to an input shaft (not shown) of gear box 94. Referring to [[Fig. 1]] Fig. 5, gear box 94 includes threaded shaft 96 extending therefrom, which is driven by motor 74 through gear box 94. In an exemplary application, threaded shaft 96 may be coupled in a suitable manner to the adjustment structure of an automobile seat (not shown) to raise or lower the seat.

Please replace paragraph [0031] with the following amended paragraph:

[0031] Referring to Figs. 6 and 8, motor 74 includes endframe 100 having cylindrical body portion 102, end face 104, and circular opening 114 therein. Endframe 100 is preferably made from a rigid plastic material, such as polypropylene. Endframe 100 is attached to motor housing 76 by securing body portion 102 of endframe 100 to motor housing 76 by welding, crimping, or by suitable fasteners. Referring to [[Fig. 3]] Fig. 8, before endframe 100 is attached to motor housing 76, brush holder assembly 106 is attached to endframe 100 by inserting a plurality of integral tabs 108 extending from endframe 100 into apertures 110 of brush holder assembly 106. Brush holder assembly 106 includes brushes 112 through which power is input into the commutator of motor 74 to thereby power motor 74 in a conventional manner. When endframe 100 is attached to motor housing 76, bearing 116 is captured between first end portion 84 of armature 82 and bearing sleeve 118 of endframe 100 to rotatably support first end portion 84 of armature 82.

Please replace paragraph [0036] with the following amended paragraph:

[0036] Thereafter, cover 150 is positioned or located within walls 124a-c of endframe 100, with walls 124a-c contacting outer surface 152 of cover 150. Cover 150 is then pressed toward end face 104 of endframe 100, with walls 124a-c guiding cover 150 ~~therebetween~~ therebetween, to engage fingers 120a-c of endframe 100 with lug 154 and recesses 156 of cover 150. Specifically, tab 122 of finger 120a engages behind lug 154, tab 122 of finger 120b engages within a recess 156 on a first side of cover 150, and tab 122 of finger 120c engages within a recess 156 on an

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opposite side of cover 150 in snap-fit connections to rigidly secure cover 150 to endframe 100. Alternatively, the configuration of the foregoing connecting structure may be modified, for example, cover 150 may include fingers 120a-c and/or walls 124a-c, and endframe 100 may include lugs 154 and/or recesses 156.

Please replace paragraph [0042] with the following amended paragraph:

[0042] If access to magnet/carrier assembly 130 or PCB assembly 142 is desired for repair or replacement, for example, the end of a suitable tool such as a screwdriver may be inserted between each flexible finger 120a-c and its corresponding lug 154 or recesses 156 to thereby disengage cover 150 from endframe 100. After repairing ~~[[of]]~~ or replacing magnet/carrier assembly 130 or PCB assembly 142, cover 150 may be re-attached to endframe 100 as described above.